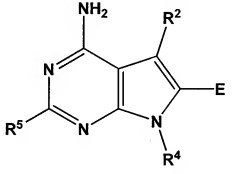
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. - 2. (Cancelled)

3. (Currently amended) A compound having the formula (IA):



(IA)

in which

R^2 is hydrogen or a group having the formula $-(CH_2)_bR^b$ wherein *b* is 0 or an integer from 1 to 3 and R^b is an aromatic, heterocyclic or cyclical aliphatic group optionally substituted with one or more groups selected from lower alkyl, halogen, substituted alkyl, nitro, alkoxy, phenoxy, and sulfonamido~~, carboxylic ester, or carboxamide~~;

R^4 is an aliphatic, aromatic, or heterocyclic group optionally substituted with one or more polar groups, which polar group may be protected or unprotected;

R^5 is hydrogen, alkoxy, alkythio, alkylamino, aryloxy, arylthio, or arylkamino ~~or an alkyl- or aryl-substituted ether, thioether, or amine~~; and

E ~~comprises an oxo-group bound to a carbon atom, an epoxide, or~~ is $-(CH_2)_mCOR'$, $-CO(CH_2)_nR'$, $-C(O)C(O)R'$, or an olefin ~~conjugated~~ attached to an electron withdrawing group,

wherein m and n are independently 0 or an integer from 1 to 6,

wherein R' is independently hydrogen, halogen, cyano, amino, alkyl, substituted alkyl, aryl, substituted aryl, heterocyclic group or substituted heterocyclic group, and

wherein the substituted alkyl, substituted aryl and substituted heterocyclic group are independently substituted with halo, hydroxyl, thiol, nitro, amino, amido, alkoxy, haloalkoxy, alkylenedioxy, alkyl, haloalkyl, or hydroxyalkyl.

4. (Cancelled)

5. (Previously Presented) A compound according to claim 3 in which R^2 is hydrogen.

6. (Previously Presented) A compound according to claim in which R^2 is a group having the formula $(CH_2)_bR^b$.

7. (Original) A compound according to claim 6 in which *b* is 0.

8. (Original) A compound according to claim 7 in which R^2 is an optionally substituted phenyl group.

9. (Cancelled)

10. (Currently amended) A compound according to claim 3 in which E is an olefin ~~conjugated~~ attached to a ~~carbonyl,~~ nitro[[,]] or cyano, ~~carboxyl, carboxamide, sulfoxide, sulfonyl, sulfonamide, or sulfonate group~~.

11. (Cancelled)

12. (Currently Amended) A compound according to claim [[11]] 3 in which E ~~has the formula~~ is $-C(O)(CH_2)_nR'$ in which R' is a halogen and *n* is 0 or an integer from 1 to 6.

13. (Original) A compound according to claim 12 in which *n* is 0.

14. (Original) A compound according to claim 12 in which *n* is 1.

15. (Currently Amended) A compound according to claim [[11]] 3 in which E ~~has the formula~~ is $-(CH_2)_mC(O)R'$ in which *m* is 0 or an integer from 1 to 6 and R' is a halogen.

16. (Original) A compound according to claim 15 in which *m* is 0.

17. (Original) A compound according to claim 15 in which *m* is 1.

18. (Currently Amended) A compound according to any of claims 12-17 in which R' is chloro.

19. (Currently Amended) A compound according to any of claims 12-17 in which R' is fluoro.

20. (Cancelled)

21. (Currently Amended) A compound according to claim [[20]] 3 in which E is $-C(O)CH=CH_2$.

22. (Currently Amended) A compound according to claim 3 in which E is ~~an olefin carboxylate having the formula~~ -CH=CHC(O)OR' where R' is an optionally substituted aliphatic, aromatic, or heterocyclic moiety.

23. (Original) A compound according to claim 22 in which R' is methyl.

24. (Currently Amended) A compound according to claim 3 in which E is ~~an olefin carboxamide having the formula~~ -CH=C(O)N"R"' where R" and R"' are optionally substituted aliphatic, aromatic, or heterocyclic moieties.

25. - 60. (Cancelled)

61. (Currently Amended) A ~~therapeutic~~ pharmaceutical composition comprising ~~a kinase inhibitory effective amount of a~~ the composition according to claim 3 and a pharmaceutically acceptable carrier.

62. - 65. (Cancelled)

66. (New) A compound according to claim 3 in which E is $-CH=CH-C(O)-OCH_3$.

67. (New) A compound according to claim 3 in which R^5 is hydrogen.

68. (New) A compound according to claim 3 in which R^4 is an aliphatic optionally substituted with one or more unprotected polar groups.

69. (New) A compound according to claim 3 in which R^4 is an aliphatic optionally substituted with hydroxyl.

70. (New) A compound according to claim 3 in which R^4 is $-(CH_2)_3$-OH.

71. (New) A compound according to claim 3 in which R^2 is $-(CH_2)_bR^b$, wherein *b* is 0, and wherein R^b is an aromatic optionally substituted with one or more groups selected from lower alkyl, halogen, substituted alkyl, nitro, alkoxy, phenoxy, and sulfonamido.

72. (New) A compound according to claim 71 in which R^b is an aromatic group substituted with lower alkyl.

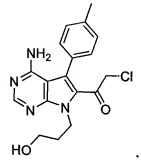
73. (New) A compound according to claim 71 in which R^b is tolyl.

74. (New) A compound according to claim 71 in which R^b is *p*-tolyl.

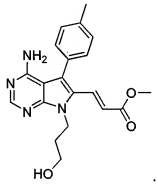
75. (New) A compound according to claim 71 in which
R^4 is an aliphatic optionally substituted with hydroxyl;
R^5 is hydrogen; and
E is $-CH=CH-C(O)-OCH_3$ or $-CO(CH_2)_nR'$, wherein n is 1 and R' is chloro or fluoro.

76. (New) A compound according to claim 71 in which
R^4 is an aliphatic optionally substituted with hydroxyl;
R^5 is hydrogen; and
E is $-CO(CH_2)_nR'$, wherein n is 1 and R' is chloro or fluoro.

77. (New) A compound according to claim 3 having the formula:



78. (New) A compound according to claim 3 having the formula:



79. (New) A compound according to claim 3 having the formula: